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DT15 Rec'd PCT/PTO 23 DEC 2004 #3

Docket No.: 09857/0202242-US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Masaki Ishigai et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: FERROCENE COMPOUND AND USE  
THEREOF

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language documents is enclosed.

A copy of each document on the PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: December 23, 2004

Respectfully submitted,

By Chris T. Mizumoto

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <h1>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Masaki Ishigai
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	09857/0202242-USO
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	BA	JP-4-5287	01-09-1992	Kabushiki Kaisha Bio Sensor Kenkyusho		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	"The structure of bicyclic ferrocenylmethylene substituted 2-pyrazolines and their reactions with azodicarboxylic acid N-phenylimide" by KLIMOVA et al., Journal of Organometallic Chemistry 585 (1999) pp. 106-114.	
	CB	"Liquid chromatography-mass spectrometric method combined with derivatization for determination of 1 $\alpha$ - hydroxyvitamin D <sub>3</sub> in human plasma" by HIGASHI et al., "Journal of Chromatography B, 772 (2002) pp. 229-238.	
	CC	"Synthesis of a Reagent for Fluorescence-Labeling of Vitamin D and Its Use in Assaying Vitamin D Metabolites" by SHIMIZU et al., "Analytical Biochemistry 194, pp77-81 (1991).	
	CD	"Derivatization in LC/MS" by MITAMURA et al., "Yakugaku Zasshi, 118(6), pp206-215 (1998).	
	CE	"Development of Analysis of Vitamin D Metabolites" by HIGASHI et al, "Yakugaku Zasshi 119(12) pp.898-920 (1999).	
	CF	"On-line Post-column Diels-Alder Derivatization for the Determination of Vitamin D <sub>3</sub> and its Metabolites by Liquid Chromatography/Thermospray Mass Spectrometry" by VREEKEN t al., "Biological Mass Spectrometry, Vol. 22, pp.621-632 (1993).	
	CG	"Characterization of vitamin D <sub>3</sub> metabolites using continuous-flow fast atom bombardment tandem mass spectrometry and high-performance liquid chromatography" by YEUNG et al., "Journal of Chromatography, 645 (1993) pp. 115-123.	
	CH	"An Electron-Capture Dienophile Derivatization Agent for Increasing Sensitivity: Determination of a Vitamin D Analog (Ro 24-2090) in Plasma Samples with Liquid Chromatography/Mas Spectrometry" by WANG et al., "Analytical Biochemistry 243, pp 28-40 (1996).	
	CI	"Derivatization for Electrospray Ionization Mass Spectrometry. 3. Electrochemically Ionizable Derivatives" by BERKEL et al., "Anal. Chem. 1998, 70, pp.1544-1554.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

QW:1098 5710202	Date Considered	
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